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> DNYSYSJ 8-Channel Audio Mixer (Model C8) Instruction Manual

DNYSYSJ C8

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Model: C8 | Brand: DNYSYSJ

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your DNYSYSJ 8-Channel Audio Mixer, Model C8. This professional audio mixing console is designed for both beginners and experienced users, offering versatile connectivity including Bluetooth and USB for various audio applications.



Figure 1.1: Front view of the DNYSYSJ 8-Channel Audio Mixer, Model C8.

2. SETUP

Follow these steps to set up your audio mixer for initial use.

2.1 Unpacking and Inspection

- Carefully remove all components from the packaging.
- Verify that all items listed in the 'What's in the Box' section are present: 1 x Mixing Console, 1 x Charger (US Plug), 1 x User Manual.
- Inspect the mixer for any signs of damage during transit. If damage is found, contact customer support immediately.

2.2 Power Connection

1. Locate the power input port (X) on the rear panel of the mixer.
2. Connect the provided charger to the power input.
3. Plug the charger into a standard AC power outlet (110-240V AC).
4. Ensure the main power switch (W) is in the OFF position before connecting to power.

2.3 Connecting Audio Devices

Refer to the 'Control Panel Function Introduction' image below for port identification.

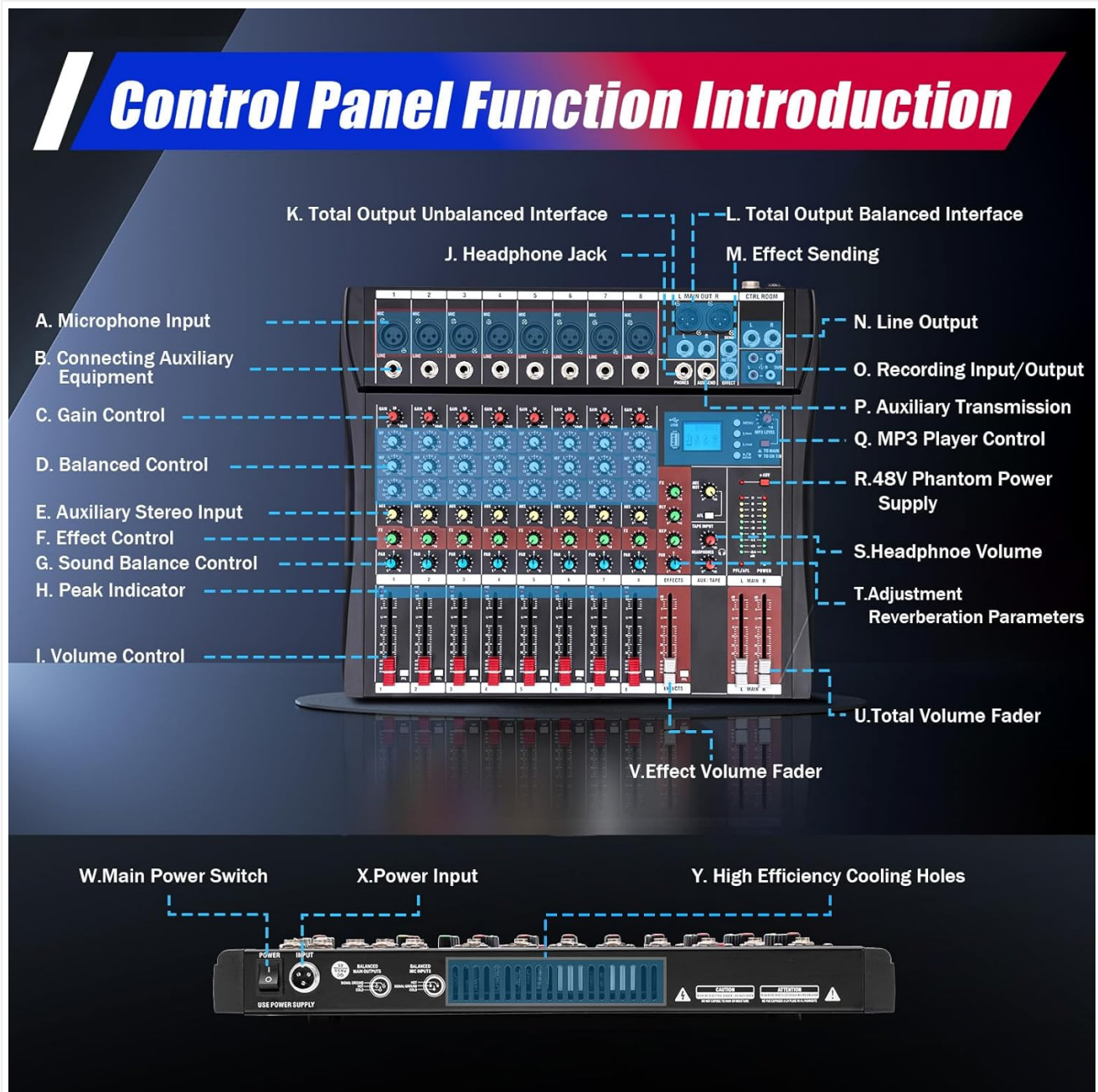


Figure 2.1: Detailed view of the mixer's control panel with labeled functions.

- **Microphone Input (A):** Connect microphones using XLR cables to the MIC inputs (1-8).
- **Line Input (B):** Connect line-level instruments (keyboards, guitars with preamps) or other audio devices using 1/4" TRS/TS cables to the LINE inputs (1-8).
- **Stereo Input:** Use the L/R Main Mix inputs for stereo sources.
- **Auxiliary Stereo Input (E):** Connect additional auxiliary devices.
- **Main Outputs (L Main Out R):** Connect your main speakers or power amplifier using XLR or 1/4" TRS cables.
- **Headphone Jack (J):** Connect headphones for monitoring.
- **Recording Input/Output (O):** Connect external recording devices.



Figure 2.2: High compatibility of the mixer with various audio devices.

2.4 Phantom Power (+48V)

The mixer provides +48V phantom power (R) for condenser microphones. Activate this only when using condenser microphones that require it. Ensure all connections are made before activating phantom power to prevent damage to non-phantom powered devices.

3. OPERATING INSTRUCTIONS

This section details the functions of the mixer's controls and how to operate them.

3.1 Channel Controls (Channels 1-8)

- **GAIN Control (C):** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the Peak Indicator (H)).
- **Balanced Control (D):** This is the 3-band Equalizer (EQ) for High Frequency (HF), Mid Frequency (MF), and Low Frequency (LF). Adjust these knobs to shape the tone of each channel.
- **AUX Control (F):** Sends a portion of the channel signal to the AUX output for external effects or monitor mixes.

- **FX Control (G):** Sends a portion of the channel signal to the internal effects processor.
- **PAN Control:** Adjusts the stereo position of the channel signal (left to right).
- **Volume Control (I):** Adjusts the output level of each individual channel.
- **PFL/AFL Button:** Pre-Fader Listen / After-Fader Listen. Used for monitoring individual channels through headphones without affecting the main mix.



Figure 3.1: Three-band equalizer for precise tone shaping.

3.2 Main Mix and Monitoring

- **L Main R Faders:** These control the overall output volume of the main stereo mix.
- **AUX SEND:** Output for sending signals to external effects processors or monitor speakers.
- **EFFECTS (M):** Controls for the built-in effects processor. The mixer features a delay effect.
- **Headphone Volume (S):** Adjusts the volume for the headphone output.
- **PFL/AFL Power:** LED indicators to show signal presence and clipping.



Figure 3.2: Real-time monitoring capabilities with headphones.

3.3 Bluetooth Connectivity

The mixer includes Bluetooth functionality for wireless audio input.

1. Activate Bluetooth on your smartphone or tablet.
2. On the mixer's MP3 player section, select the Bluetooth input mode.
3. Search for available devices on your smartphone/tablet and select the mixer (usually named 'BT-AUDIO' or similar).
4. Once paired, audio from your device will play through the mixer. Adjust the MP3 Player Volume (Q) to control the Bluetooth audio level.

8-channel Audio Mixer

**Eight Microphone
Input Channels**

Stereo Input



**Build-in Bluetooth
Playback**

Figure 3.3: Bluetooth connectivity for wireless audio streaming.

3.4 USB Playback and Recording

The mixer features a USB port for MP3 playback and recording.

- **MP3 Playback:** Insert a USB drive containing MP3 audio files into the USB slot. Use the MP3 Player Control (Q) buttons (Menu, Play/Pause, Next/Previous) to navigate and play tracks.
- **Recording:** The mixer can record the main mix directly to a USB drive. Consult the MP3 player section on the mixer for specific recording instructions, typically involving pressing a 'REC' button.

Details for Better Experience

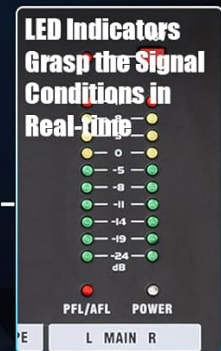


Figure 3.4: USB slot and LED screen for MP3 playback and recording.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your mixer.

4.1 Cleaning

- Always disconnect the mixer from power before cleaning.
- Use a soft, dry cloth to wipe down the exterior surfaces.
- For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.
- Use a soft brush or compressed air to clean dust from faders, knobs, and input/output jacks.

4.2 Storage

- Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.

- Protect the mixer from dust and moisture, ideally by covering it when not in use.
- Avoid placing heavy objects on top of the mixer.

5. TROUBLESHOOTING

If you encounter issues with your mixer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> • Main faders are down • Channel faders are down • Incorrect input/output connections • Speakers/amplifier off or disconnected • Gain too low 	<ul style="list-style-type: none"> • Raise L Main R faders. • Raise individual channel faders. • Verify all cables are correctly connected to inputs and outputs. • Ensure speakers/amplifier are powered on and connected. • Increase GAIN control for the respective channel.
Distorted sound	<ul style="list-style-type: none"> • Input signal too high (clipping) • Output signal too high • Faulty cable 	<ul style="list-style-type: none"> • Reduce GAIN control for the affected channel until the Peak Indicator (H) no longer lights up. • Lower main faders or channel faders. • Try a different cable.
Bluetooth not connecting	<ul style="list-style-type: none"> • Mixer not in Bluetooth mode • Device not discoverable • Interference 	<ul style="list-style-type: none"> • Ensure the mixer's MP3 player is set to Bluetooth input. • Make sure your device's Bluetooth is on and discoverable. • Move closer to the mixer; reduce other wireless interference.
No phantom power	<ul style="list-style-type: none"> • +48V switch is off • Faulty microphone or cable 	<ul style="list-style-type: none"> • Ensure the +48V phantom power switch (R) is engaged. • Test with a different condenser microphone and XLR cable.

6. SPECIFICATIONS

Technical specifications for the DNYSYSJ 8-Channel Audio Mixer (Model C8).

- **Model:** C8
- **Number of Channels:** 8
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Item Weight:** 10 pounds
- **Product Dimensions:** 1.46 x 15.75 x 1.46 inches (approx. 3.7 x 40 x 3.7 cm)
- **Material Type:** ABS
- **Power Source:** Corded Electric
- **Voltage:** 110 Volts (AC)

- **Phantom Power:** +48V (switchable)

7. WARRANTY INFORMATION

This product comes with a standard manufacturer's warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the warranty card included with your product or contact DNYSYSJ customer support directly. Keep your proof of purchase for warranty validation.

8. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your DNYSYSJ 8-Channel Audio Mixer, please visit the official DNYSYSJ store or contact their customer service department.

DNYSYSJ Store: <https://www.amazon.com/stores/DNYSYSJ/page/EF3F2203-E146-474B-A89A-F3EFEA98D77C>